

| | Type | L # | Hits | Search Text |
|---|------|-----|------|---|
| 1 | BRS | L1 | 43 | ("20020020622" "20020121290" "20020125212" "20040060581" "20040136494" "20040178060" "20040182422" "3953265" "4444492" "4838289" "5102494" "5180431" "5271774" "5343234" "5361449" "5472502" "5558111" "5601655" "5660642" "5705223" "5709757" "5807522" "5830334" "5882433" "5893004" "5945351" "5975098" "5989478" "5997653" "6086454" "6092937" "6108932" "6132586" "6214513" "6230722" "6341998" "6391166" "6398975" "6417117" "6488040" "6491764" "6531206" "6555017").PN. |
| 2 | BRS | L2 | 33 | deLarios-j\$.in. |
| 3 | BRS | L3 | 143 | ravkin-m\$.in. |
| 4 | BRS | L4 | 161 | l2 or l3 |
| 5 | BRS | L5 | 0 | "lam-\$asn." |
| 6 | BRS | L6 | 0 | "lam-\$.asn." |

| | DBs | Time Stamp | Comments | Error Definition |
|---|--|---------------------|----------|------------------|
| 1 | US-PGPUB; USPAT | 2005/12/07 07:52 | | |
| 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/12/07 07:52 | | |
| 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/12/07 07:52 | | |
| 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/12/07 07:52 | | |
| 5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/12/07 07:53 | | |
| 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/12/07 07:53 | | |

| | Type | L # | Hits | Search Text |
|----|------|-----|--------|--|
| 7 | BRS | L7 | 0 | "lam\$.asn." |
| 8 | BRS | L8 | 0 | de adj larios-\$.in. |
| 9 | BRS | L9 | 2 | de adj larios\$.asn. |
| 10 | BRS | L10 | 66 | de adj larios\$.in. |
| 11 | BRS | L11 | 335740 | (clean or cleaning or cleaned or cleaner or treat or treating or treated or treatment or etch or etching or etchant or wash or washing or washed or rinse or rinsing or rinsed or decontaminate or decontaminated or decontamination or decontamination or strip or stripping or stripped or stripper) adj10 (semiconductor or wafer or workpiece or workpiece or substrate) |
| 12 | BRS | L12 | 36954 | (meniscus or menisci) |

| | Type | L # | Hits | Search Text |
|----|------|-----|--------|--|
| 13 | BRS | L13 | 671202 | (clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser or treat or treating or treated or treatment or scrub or scrubbing or scrubbed or scrubber or wash or washing or washed or decontaminate or decontaminated or decontamination or decontaminating or dislodge or dislodging or dislodged or dissolve or dissolved or dissolution or remove or removing or removed or removal or eliminate or eliminated or elimination) adj10 (contaminant or contamination or particle or particulate or soil or soiling or foreign adj3 (matter or material) or residue or residual) |
| 14 | BRS | L14 | 397221 | (brush or brusher or scrub or scrubbing or scrubbed or scrubber or "TTB" or "through adj5 brush" or double adj3 sided adj4 (brush\$ or scrub\$4)) |

| | Type | L # | Hits | Search Text |
|----|------|-----|--------|--|
| 15 | BRS | L15 | 755168 | (clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser or treat or treating or treated or treatment or scrub or scrubbing or scrubbed or scrubber or wash or washing or washed or decontaminate or decontaminated or decontamination or decontaminating or dislodge or dislodging or dislodged or dissolve or dissolved or dissolution or remove or removing or removed or removal or eliminate or eliminated or elimination) adj10 (contaminant or contamination or impurity or particle or particulate or soil or soiling or foreign adj3 (matter or material) or residue or residual) |
| 16 | BRS | L16 | 1071 | lam adj3 research\$.asn. |
| 17 | BRS | L17 | 20 | l11 same l12 same l14 |
| 18 | BRS | L18 | 170874 | ("134"/\$ or 15/\$).ccls. |
| 19 | BRS | L19 | 320 | l11 and l12 and l14 |

| | Type | L # | Hits | Search Text |
|----|------|-----|------|-------------|
| 20 | BRS | L20 | 323 | l19 and l1 |
| 21 | BRS | L21 | 3 | l19 and l1 |
| 22 | BRS | L22 | 39 | l19 and l18 |
| 23 | BRS | L23 | 31 | l22 not l17 |

| | Type | L # | Hits | Search Text |
|---|------|-----|--------|---|
| 1 | BRS | L2 | 43 | ("20020020622" "20020121290" "20020125212" "20040060581" "20040136494" "20040178060" "20040182422" "3953265" "4444492" "4838289" "5102494" "5180431" "5271774" "5343234" "5361449" "5472502" "5558111" "5601655" "5660642" "5705223" "5709757" "5807522" "5830334" "5882433" "5893004" "5945351" "5975098" "5989478" "5997653" "6086454" "6092937" "6108932" "6132586" "6214513" "6230722" "6341998" "6391166" "6398975" "6417117" "6488040" "6491764" "6531206" "6555017").PN. |
| 2 | BRS | L3 | 397221 | (brush or brusher or scrub or scrubbing or scrubbed or scrubber or "TTB" or "through adj5 brush" or double adj3 sided adj4 (brush\$ or scrub\$4)) |
| 3 | BRS | L4 | 170874 | ("134"/\$ or "15"/\$).ccls. |

| | DBs | Time Stamp | Comments | Error Definition |
|---|--|---------------------|----------|------------------|
| 1 | US-PGPUB; USPAT | 2005/12/07 10:58 | | |
| 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/12/07 10:58 | | |
| 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/12/07 10:59 | | |

| | Type | L # | Hits | Search Text |
|---|------|-----|--------|--|
| 4 | BRS | L5 | 755168 | (clean or cleaning or cleaned or cleaner or cleanse or cleansing or cleansed or cleanser or treat or treating or treated or treatment or scrub or scrubbing or scrubbed or scrubber or wash or washing or washed or decontaminate or decontaminated or decontamination or decontaminating or dislodge or dislodging or dislodged or dissolve or dissolved or dissolution or remove or removing or removed or removal or eliminate or eliminated or elimination) adj10 (contaminant or contamination or impurity or particle or particulate or soil or soiling or foreign adj3 (matter or material) or residue or residual) |
| 5 | BRS | L1 | 335740 | (clean or cleaning or cleaned or cleaner or treat or treating or treated or treatment or etch or etching or etchant or wash or washing or washed or rinse or rinsing or rinsed or decontaminate or decontaminated or decontamination or decontamination or strip or stripping or stripped or stripper) adj10 (semiconductor or wafer or workpiece or workpiece or substrate) |
| 6 | BRS | L7 | 1071 | lam adj3 research\$.asn. |

| | Type | L # | Hits | Search Text |
|----|------|-----|------|--|
| 7 | BRS | L6 | 1071 | lam adj3 research\$.asn. |
| 8 | BRS | L8 | 20 | l1 same l3 same (meniscus or menisci) |
| 9 | BRS | L9 | 3 | l1 and l3 and l2 and (meniscus or menisci) |
| 10 | BRS | L10 | 320 | l1 and l3 and (meniscus or menisci) |
| 11 | BRS | L11 | 39 | l10 and l4 |
| 12 | BRS | L12 | 22 | l6 and l10 |
| 13 | BRS | L13 | 11 | l12 not l11 |
| 14 | BRS | L14 | 3 | l10 and l2 |